

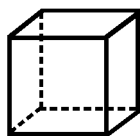
LITTLE ROCK

Math / Grade 3 / Geometry 3-D Assessment

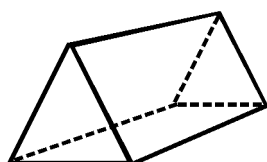
Name _____

Teacher _____ Period _____

1. Compare the three-dimensional solids below.



cube

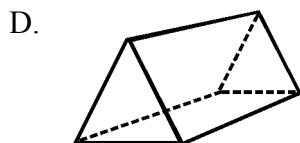
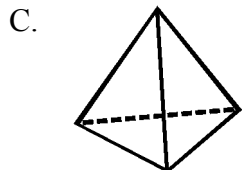
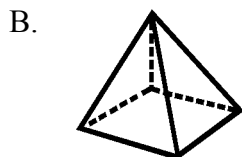
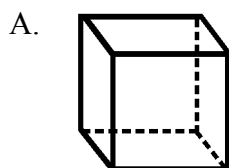


triangular prism

Which statement below is true?

- A. The triangular prism has more edges than the cube.
- B. The triangular prism has more vertices than the cube.
- C. The cube and the triangular prism have the same number of vertices.
- D. The cube has more edges than the triangular prism.

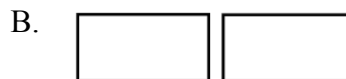
2. Which figure below has the **fewest** vertices?



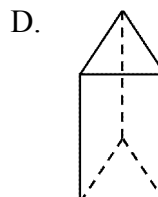
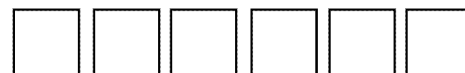
3. Look at the figure below.



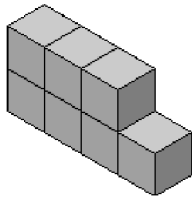
Which of the following shapes can be combined to make the figure?



4. Which solid can be made with the following shapes?



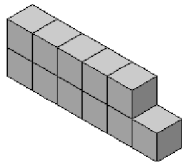
5. Phillip made the model below with cubes.



His classmates also built models. Who made a model the same size and shape as Phillip's model?

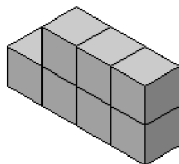
A.

Rachel



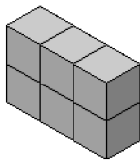
B.

Derrick



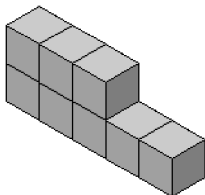
C.

Haylee

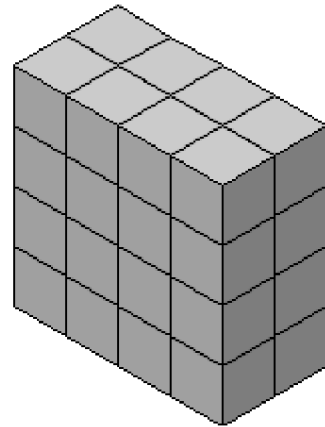


D.

Lance



6. How many cubes do you need to build this shape?



A. 18 cubes

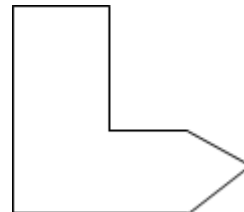
B. 24 cubes

C. 32 cubes

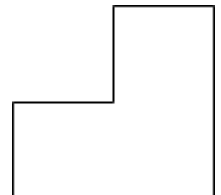
D. 40 cubes

7. Dennis used a rectangle, a square, and a triangle to make a design. Which design below could be Dennis's design?

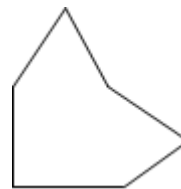
A.



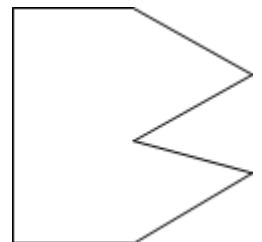
B.



C.



D.



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Answer Key and Alignment

<u>Answer</u>	<u>Source</u>	<u>SLE</u>	<u>CC-Standard</u>
1. D	TLI	G.8.3.1	
2. C	TLI	G.8.3.1	
3. D	TLI	G.11.3.2a	
4. C	TLI	G.11.3.2b	
5. B	TLI	G.11.3.1	
6. C	TLI	G.11.3.1	
7. A	TLI	G.11.3.2a	